

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A device for compressing gaseous media, comprising at least one compression space (10) into which the gaseous medium can enter and from which the gaseous medium can discharge;

a first valve means (13, 7) having at least one first opening (13) and at least one first covering means (7) essentially covering the first opening at least intermittently, the first valve means allowing the gaseous medium to enter the compression space (10) and essentially preventing a discharge of the gaseous medium from the compression space (10);

a second valve means (4, 8) having at least one second opening (4) and at least one second covering means (8) essentially covering the second opening at least intermittently, the second valve means allowing a discharge of the gaseous medium from the compression space (10) and essentially preventing the gaseous medium from entering the compression space (10);

wherein characterized in that the narrowest free cross section of one valve means considerably exceeds the narrowest free cross section of the other valve means.

2. (Currently amended) The device as claimed in claim 1, wherein characterized in that the narrowest free cross section of the first valve means (13, 7) considerably exceeds the narrowest free cross section of the second valve means (14, 8).

3. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the narrowest free cross section of the one valve means exceeds the narrowest free cross section of the other valve means at least by a factor of 2.

4. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the device has a piston means arranged so as to be movable relative to the compression space (10).

5. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one covering means is designed as a reed.

6. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one valve means is arranged in a valve plate (2), and preferably both valve means are arranged in said valve plate (2).

7. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the first opening (13) of the first valve means is designed to be noncircular.

8. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the first valve means has a plurality of first openings.

9. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the periphery of the at least one first opening (13) of the first valve means is greater than the periphery of the at least one second opening of the second valve means.

10. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the at least one opening (13) of the first valve means, compared with an imaginary circular opening which has the same cross-sectional area as the at least one first opening, has a periphery which exceeds the periphery of said imaginary circular opening by at least 10%, preferably by at least 20% and in particular preferably by at least 50%.

11. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one covering means, preferably the covering means of the first valve means, has at least one aperture.

12. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one covering means, preferably the covering means (7) of the first valve means, has at least one projection.

13. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one covering means (7,8) is fastened to the valve plate.

14. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the configuration of at least one covering means (7,8) is adapted to the configuration of the opening (13,4) assigned to this covering means.

15. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the peripheral margins of at least one covering means project beyond the peripheral margins of the associated opening by between 0.5 mm and 5 mm, preferably by 1 mm to 3 mm.

16. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one opening has a peripherally encircling groove.

17. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the valve plate has at least one surface section having a coating which is deformable at least in sections.

18. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein at least one covering means has at least one surface section having a coating which is deformable at least in sections.

19. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein the coating has a material which contains Teflon.

20. (Currently amended) The device as claimed in claim 1 at least one of the preceding claims, characterized in that wherein, in the open state of the valve, at least a section of at least one covering means is at a distance from its assigned opening which is greater than 0.5 mm, preferably greater than 1.0 mm, and in particular greater than 1.5 mm.

21. (Currently amended) The use of a device as claimed in claim 1 at least one of the preceding claims in an air-conditioning system, in particular for a motor vehicle.